# Directory of Goods and Services for Exploration Companies

Nova Scotia

**Department of Mines and Energy**

*Information Circular 1*

90-06226/

# Directory of Goods and Services for Exploration Companies

## *GENERAL INFORMATION*

This directory has been compiled to provide a convenient reference to companies that offer goods and services to individuals, prospectors and companies involved in Nova Scotia's exploration industry.

## *HOW TO USE THIS DIRECTORY*

If you know the name of the company go to Section 2. If you are looking for a service or a certain material, use Section 1.

**SECTION 1**

Companies that offer goods and services for the mineral exploration industry are listed under various headings in Section 1.

**SECTION 2**

An alphabetical listing of all companies will be found in Section 2.

All company entries have the following information:
Name of Firm
Address, Phone
Person(s) to Contact, Title(s)
Service(s) or Product Line(s) Offered

For further information, comments, or inclusion in the next edition of the Directory, please contact:
Nova Scotia Department of Mines and Energy
P. O. Box 1087
Halifax, Nova Scotia
Canada
B3J 2X1
Dr. Howard Donohoe (902) 424-4700
Valerie Brisco (902) 424-8633

***The Directory was compiled to provide a comprehensive source book of companies providing exploration related services. The Directory should not, however, be construed as being a complete list of such companies. The Department does not necessarily endorse any of the listed companies contained herein in preference to any other exploration related companies.***

*April, 1988*

**Alphabetical Listing by Topical Heading**

**Aerial Photography**
Maritime Resource Management Service

**Analytical Services**
Bondar-Clegg & Co. Ltd.
Enman Ltd.
Minerals Engineering Centre
Nova Scotia Research Foundation Corp.
OceanChem Ltd.

**Assayers**
Bondar-Clegg & Co. Ltd.
Enman Ltd.
Geofuel Research Inc.
Minerals Engineering Centre
OceanChem Ltd.

**Bathymetric Service**
Earth & Ocean Research Ltd.
McGregor GeoScience Ltd.

**Camping Supplies**
Hydrostone Surplus Store
A.J. Walker and Son Ltd.

**Cartographic Services**
Maritime Resource Management Service

**Computerized Geographic Information**
Earth & Ocean Research Ltd.
Maritime Resource Management Service

**Computerized Geological Information**
Canadian Seabed Research
Earth & Ocean Research Ltd.
GeoTech Surveys Ltd.

**Diamond-Drillers**
C.J.M. Drilling
J. K. S. Industries Inc.
Logan Drilling Ltd.
Logan Geotech Ltd.
Logan Offshore Inc.
Longyear Canada Inc.
MacIsaac Drilling Ltd.
Maritime Diamond Drilling Ltd.
Petro Drilling Company Ltd.

**Drafting Services**
Cletus Technical Services Ltd.
Earth & Ocean Research Ltd.
Peak Engineering

**Editorial Services**
Helen Cook Editorial Services
Cuesta Research Ltd.
Ecoscience Interpretation Service
GeoTech Surveys Ltd.

**Engineering Consultants**
Cletus Technical Services Ltd.
CORE Laboratories — Canada Ltd.
GeoTech Surveys Ltd.
Jacques, Whitford & Associates Ltd.
Lummus Canada Inc.
Peak Engineering
Porter Dillon Ltd.

**Environmental Consultants**
CORE Laboratories — Canada Ltd.
Geofuel Research Inc.
GeoTech Surveys Ltd.
Griffiths Muecke Associates
D.A. Howard Consultants Ltd.
Jacques, Whitford & Associates Ltd.
John A. Leslie & Associates Ltd.
McElhanney Services Ltd.
Nolan, Davis & Associates Ltd.
OceanChem Group
Porter Dillon Ltd.
Remoscan Ltd.
L. A. Rutherford and Associates
Three-D GeoConsultants Ltd.

**Environmental Engineering**
Jacques, Whitford & Associates Ltd.
Nolan, Davis & Associates Ltd.
Porter Dillon Ltd.
Three-D GeoConsultants Ltd.

**Exploration Geology**
Abaco Canada Consultants Ltd.
Canadian Seabed Research
Coxheath Gold Holdings
Day & Associates
Peter M. Dimmell — Geologist
Earth & Ocean Research Ltd.
Entrepreneurial Management Ltd.
Geofuel Research Inc.
Geomarine Associates Ltd.
GeoTech Surveys Ltd.
Golden Geotechnical Services
John A. Leslie & Associates Ltd.
Noranda Exploration Co. Ltd.
Nova Scotia College of Geographic Sciences
Nova Scotia Department of Mines and Energy
Novex Resource Management
Recon Geological Services
Remoscan Ltd.
Three-D GeoConsultants Ltd.
University College of Cape Breton — Mineral Technology

**Exploration Supplies**
Atlantic Science Fare
Craftsman's Art Supply Ltd.
Exploration Rock Bits Inc.
HOMAC Exploration Services Ltd.
Hydrostone Surplus Store
Mosher Limestone Co., Ltd.
Musquodoboit Valley Resource Supply Ltd.
Opal Energy & Mineral Exploration
A. J. Walker and Son Ltd.

**Financial and Economic Analysis**
The DPA Group Inc.

**General Geological Information**
Earth & Ocean Research Ltd.
Geomarine Associates Ltd.
Nova Scotia Department of Mines and Energy
Nova Scotia Museum, Geology Unit

**Geochemical Consultants**
Atlantic Coal Institute
Bondar-Clegg & Co. Ltd.
Exlog Canada Ltd.
Geofuel Research Inc.
GeoTech Surveys Ltd.
McElhanney Services Ltd.
Southfield Resources Ltd.

**Geochemical Laboratories**
Bondar-Clegg & Co. Ltd.
OceanChem Group
Geofuel Research Inc.
Nova Scotia Research Foundation Corp.

**Geological Consultants**
Canadian Seabed Research
Coxheath Gold Holdings
Cuesta Research Ltd.
Consultec Ltd.
Day & Associates
D'Eon-Miller & Associates Ltd.
Peter M. Dimmell — Geologist
Earth & Ocean Research Ltd.
Entrepeneurial Management Ltd.
Exlog Canada Ltd.
Geomarine Associates Ltd.
GeoTech Surveys Ltd.
Golden Geotechnical Services
D. A. Howard Consultants Ltd.
Jacques, Whitford & Associates Ltd.
John A. Leslie & Associates Ltd.
W. A. MacPherson & Associates
McElhanney Services Ltd.
McGregor GeoScience Ltd.
Nolan, Davis & Associates Ltd.
Nolan-Ertec Ltd.
Noranda Exploration Co. Ltd.
Novex Resource Management
Opal Energy & Mineral Exploration
Porter Dillon Ltd.
Recon Geological Services
Southfield Resources Ltd.
Three-D GeoConsultants Ltd.
University College of Cape Breton — Mineral Technology

**Geological Research**
Canadian Seabed Research
Consultec Ltd.
Cuesta Research Ltd.
D'Eon-Miller & Associates Ltd.
Geofuel Research Ltd.
Geomarine Associates Ltd.
GeoTech Surveys Ltd.
Griffiths Muecke Associates
John A. Leslie & Associates Ltd.
McGregor GeoScience Ltd.
Nova Scotia Museum, Geology Unit
Recon Geological Services
Three-D GeoConsultants Ltd.

**Geophysical Consultants**
Abaco Canada Consultants Ltd.
Canadian Seabed Research
Eastern Geophysics Ltd.
Geomarine Associates Ltd.
GeoTech Surveys Ltd.
McGregor GeoScience Ltd.
McElhanney Services Ltd.
Nova Scotia Research Foundation Corp.
Probe Research Canada Ltd.
Recon Geological Services

**Geophysical Contracting Services**
Abaco Canada Consultants Ltd.
Canadian Seabed Research
Earth & Ocean Research Ltd.
Eastern Geophysics Ltd.
Geomarine Associates Ltd.
McElhanney Services Ltd.
McGregor GeoScience Ltd.
Nolan-Ertec Ltd.
Nova Scotia Research Foundation Corp.
Probe Research Canada Ltd.
Recon Geological Services

**Geophysical Research**
Earth & Ocean Research Ltd.
Geomarine Associates Ltd.
McGregor GeoScience Ltd.
Nova Scotia College of Geographic Sciences
Nova Scotia Research Foundation Corp.
Probe Research Canada Ltd.
Recon Geological Services

**Geophysical Surveys**
Abaco Canada Consultants Ltd.
Canadian Seabed Research
Eastern Geophysics Ltd.
Enman Ltd.
Geomarine Associates Ltd.
McElhanney Services Ltd.
McGregor GeoScience Ltd.
Nova Scotia Research Foundation (marine & ground surveys)
Probe Research Canada Ltd.
Recon Geological Services

**Geotechnical Drillers**
Logan Drilling Ltd.
Logan Geotech Inc.
Logan Offshore Inc.
Longyear Canada Inc.
MacIsaac Drilling Ltd.

**Geotechnical Engineering**
Jacques, Whitford & Associates Ltd.
Nolan, Davis & Associates Ltd.
Nolan-Ertec Ltd.
Porter Dillon Ltd.

**Gold Prospecting Services**
Coxheath Gold Holdings
Golden Geotechnical Services
D. A. Howard Consultants Ltd.
John A. Leslie & Associates Ltd.

**Hydrogeological Services**
Jacques, Whitford & Associates Ltd.
Nolan, Davis & Associates Ltd.
Porter Dillon Ltd.
Three-D GeoConsultants Ltd.

**Information to Mining Companies**
Directories North Publications

**Laboratories**
Atlantic Coal Institute
Bondar-Clegg & Co. Ltd.
CORE Laboratories — Canada Ltd.
Enman Ltd.
Geofuel Research Inc.
Jacques, Whitford & Associates Ltd.
Mineral Engineering Centre
OceanChem Ltd.
University College of Cape Breton — Mineral Technology

**Land Ownership**
Land Registration and Information Services

**Land Use Planning**
The DPA Group Inc.
Griffiths Muecke Associates
John A. Leslie & Associates Ltd.
Maritime Resource Management Service
Porter Dillon Ltd.
L. A. Rutherford and Associates
Three-D GeoConsultants Ltd.

**Maps, Air Photos or Hydrographic Charts**
Land Registration and Information Services
Maritime Resource Management Service
Nova Scotia Department of Lands and Forests
Nova Scotia Department of Mines and Energy

**Market/Project Feasibility Evaluation**
Canmac Economics Ltd.
The DPA Group Inc.
GeoTech Surveys Ltd.
John A. Leslie & Associates Ltd.
Three-D GeoConsultants Ltd.

**Materials Testing Services**
Jacques, Whitford & Associates Ltd.

**Mineral Exploration Services**
Abaco Canada Consultants Ltd.
Consultec Ltd.
Peter M. Dimmell — Geologist
Enman Ltd.
GeoTech Surveys Ltd.
Golden Geotechnical Services
John A. Leslie & Associates Ltd.
Noranda Exploration Co., Ltd.
Recon Geological Services
Southfield Resources Ltd.
Three-D GeoConsultants Ltd.
University College of Cape Breton — Mineral Technology

**Mineral Processing**
Minerals Engineering Centre

**Mining Engineering**
Jacques, Whitford & Associates Ltd.
Nolan-Ertec Ltd.
University College of Cape Breton — Mineral Technology

**Mining Exploration**
Maritime Diamond Drilling Ltd.

**Mining and Construction Equipment**
Atlas Copco Canada Inc.
Exploration Rock Bits Inc.
George F. MacDonald & Son's Bulldozing and Trucking Ltd.
Musquodoboit Valley Resource Supply Ltd.
N. S. Tractors and Equipment Ltd.

**Petroleum Reservoir Evaluation**
GeoTech Surveys Ltd.
Three-D GeoConsultants Ltd.

**Property Evaluation**
D. A. Howard Consultants Ltd.
GeoTech Surveys Ltd.
W. A. MacPherson & Associates
Peak Engineering

**Prospecting Supplies**
Atlantic Science Fare
Craftsman's Art Supply Ltd.
Hydrostone Surplus Store
A. J. Walker and Son Ltd.

**Public Information and Education Work**
Cuesta Research Ltd.
The DPA Group
Griffiths Muecke Associates
Nova Scotia Department of Mines and Energy
L. A. Rutherford and Associates

**Remote Sensing**
Maritime Resource Management Service
Nova Scotia College of Geographic Sciences
Remoscan Ltd.

**Resource Information**
Maritime Resource Management Service
Nova Scotia College of Geographic Sciences
Nova Scotia Department of Lands and Forests
Nova Scotia Department of Mines and Energy
Nova Scotia Museum, Geology Unit

**Resource Management**
Maritime Resource Management Service
L. A. Rutherford and Associates

**Rotary Drilling**
Atlas Copco Canada Ltd.
Jacques, Whitford & Associates Ltd.
Logan Drilling Ltd.
Petro Drilling Company, Ltd.

**Seismic Equipment and Services**
McGregor GeoScience Ltd.

**Specialized Maps and Geological Maps**
Earth & Ocean Research Ltd.
Geomarine Associates Ltd.
Land Registration and Information Services
Nova Scotia Department of Lands and Forests
Nova Scotia Department of Mines and Energy
Nova Scotia Research Foundation Corp.
Remoscan Ltd.

**Technical and Scientific Writing**
Cuesta Research Ltd.
Ecoscience Intrepretation Service
GeoTech Surveys Ltd.

**Abaco Canada Consultants Ltd.**
c/o J.A. Chisholm
R.R.# 3
Antigonish, Nova Scotia
B2G 2L1

John A. Chisholm
(902) 863-1270

SERVICES: Patented affinity gravity system to pinpoint minerals and hydrocarbons. Readings in milligrams, with computerized printout for drill targets.

**Atlantic Coal Institute**
Box 1594
Sydney, Nova Scotia
B1P 6R8

Dr. Dieter Birk, Executive Director
(902) 539-2800

SERVICES: Geochemical and microscopic analyses of rocks, minerals, fossil fuels, offshore well cuttings, coal, etc. by: elemental analyses (C, H, N, O, S), organic petrology (vitrinite, coal macerals, kerogen), scanning electron microscopy with energy dispersive X-ray (SEM-EDX).

**Atlas Copco Canada Inc.**
P.O. Box 916
Truro, Nova Scotia
B2N 1E6

Lorne Code, Manager, Atlantic Region
C. A. Sheppard, Mining Sales Representative
(902) 895-6966

SERVICES: Underground mine equipment (soft and hard rock) i.e. loaders, road headers, miners, jumbos, steel and bits, surface drills (hydraulic and pneumatic), air compressors, process and gas compressors, pumps, breakers winchet, gasoline jack hammers, hand-held rock drills and steel and auger drills, soil samplers and air tools.

**Atlantic Science Fare**
21 Summit Street
Dartmouth, Nova Scotia
B2Y 2Z9
Dorothy Ogilvie, Proprietor
(902) 463-8616

SERVICES: Catalogue sales only. Geological hammers (Estwing, Stanley, etc.), magnifiers (Bausch & Lomb), gold pans, leather holsters and cases, pocket magnets, canvas packs, chisels, pry bars, plastic sample bags, stereoscopes.

**Bondar-Clegg & Co. Ltd.**
105 Rocky Lake Drive
Unit 5
Bedford, Nova Scotia
B4A 2T3

Peter Carter, Manager
(902) 835-3717

SERVICES: Analytical services — fire assay, atomic absorption, D.C. plasma emission x-ray fluorescence; neutron activation colorimetric, flurometric, and gravimetric analyses and gas chromatography. Sample preparation of rocks, soils, sediments and mineral concentrates for geochemical analysis.

**C.J.M. Drilling**
(A Division of Clyde J. Smith and Sons Drilling Ltd.)
R.R.# 2
Wallace, Nova Scotia
B0K 1Y0

Mr. Clyde Smith, President
Ms. Joyce Smith, Vice-President
(902) 257-2200

SERVICES: Contract diamond-drilling.

**Canadian Seabed Research**
5310 Tobin Street # 6
Halifax, Nova Scotia
B3H 1S2

Glen Gilbert, Geophysicist
(902) 422-2840

SERVICES: Marine geophysics: surveying and interpretation; computer data base application; acoustic and geotechnical correlations.

**Canmac Economics Ltd.**
497 Sackville Drive
Lower Sackville, Nova Scotia
B4C 2S1

Mike Foster, President
(902) 864-3838

SERVICES: Economic consulting and forecasting firm.

**Cletus Technical Services Ltd.**
P.O. Box 10
Lake Charlotte, Nova Scotia
B0J 1Y0

Chris Griffith, President
(902) 845-2713

SERVICES: Plant and piping layout and design. On site drafting and supervision services.

**Consultec Ltd.**
5435 Spring Garden Road
Suite 103
Halifax, Nova Scotia
B3J 1G1

William Burton, President
Greg Morris, Vice-President
(902) 420-0240

SERVICES: Mineral exploration, consulting, contracting, research and management.

**Helen Cook Editorial Services**
47 Nightingale Drive
Halifax, Nova Scotia
B3M 1V5

Helen Cook
(902) 443-7388

SERVICES: Copy editing, proofreading.

**CORE Laboratories — Canada Ltd.**
Unit K, 50 Akerley Blvd.
Dartmouth, Nova Scotia
B3B 1R8

Dwayne Collier, Supervisor
(902) 465-3877

SERVICES: Core analysis; tar and heavy sands analysis; offshore production sampling; chemical analysis; XRD, SEM and thin section petrography; environmental monitoring; well logging; offshore production sampling; engineering and consulting.

**Coxheath Gold Holdings**
187 Bluewater Road
Atlantic Acres Industrial Park
Bedford, Nova Scotia
B4B 1H1

Michael J. Riddell, President
(902) 835-4564

SERVICES: Geological consultants; exploration geology.

**The Craftsman's Art Supply Ltd.**
P.O. Box 881
Halifax, Nova Scotia
B3J 2V9

Bob Dempsey, Manager
(902) 462-0602

SERVICES: Lapidary equipment and supplies (slabbing saws, diamond blades); small scales; magnifying lenses, specialized tools, etc.

**Cuesta Research Limited**
154 Victoria Road
Dartmouth, Nova Scotia
B3A 1V8

Milton Graves, Geologist
(902) 469-9121

SERVICES: Geological consultants and geological research, specializing in geological problems of the mining industry; technical writing and editing; mineralogy and petrology.

**Day & Associates**
P.O. Box 368, Station M
5112 Prince Street
Halifax, Nova Scotia
B3J 3M3

Terence Day, Principal
(902) 422-2271

SERVICES: Consulting in glacial geology for mining exploration, also magnetic investigations.

**D'Eon-Miller & Associates Ltd.**
Suite 416, 1657 Barrington Street
Halifax, Nova Scotia
B3J 2A1

Gerald D'Eon, President
Paul Miller, Secretary-Treasurer
(902) 422-4006

SERVICES: Geological well site supervision; experienced geologists for offshore drilling; sedimentological studies on offshore geology; research.

**Peter M. Dimmel — Geologist**
227 Ave Marie
P.O. Box 231
Beresford, New Brunswick
E0B 1H0

Peter Dimmell, Geologist
(506) 548-5296

SERVICES: Mineral exploration services — geological, property management.

**Directories North Publications**
"Who's Who in Mining"
47 Pine Street South, Suite 203
Timmins, Ontario
P4N 2J9

John H. Cornelsen, Editor
(705) 264-4253

SERVICES: Directories of mines personnel — companies and government.

**The DPA Group Inc.**
Suite 501
Barrington Tower, Scotia Square
Halifax, Nova Scotia
B3J 2A8

Allan Robertson, P. Eng., CMC, Vice-President, Nova Scotia
John Jozsa, CMC, Senior Economist
(902) 422-9601

SERVICES: Financial and economic analyses; market and project feasibility evaluation; corporate and organizational planning; survey research information processing; regional land use planning; social and economic impact analyses.

**Earth & Ocean Research Ltd.**
22 Waddell Avenue
Dartmouth, Nova Scotia
B3B 1K3

Dr. Daniel Plasse, President
Mr. Lauchie Meagher, Vice-President
Mr. John Lewis, Senior Geophysicist
Dr. John Peters, Senior Geophysicist
(902) 465-3974

SERVICES: Marine geological data collection, interpretations and mapping; computerized seabed mapping with in-house system called SUPER-TECH; automated drafting and data compliation for land and marine surveys.

**Eastern Geophysics Ltd.**
P.O. Box 8174, Station A
Halifax, Nova Scotia
B3K 5L9

Mr. David Zwicker, President
Mr. Brian d'Entremont, Secretary
(902) 826-2246
(902) 762-3037

SERVICES: Geophysical services, field surveys; gravity, induced polarization, seismic refraction, magnetic, electromagnetic.

**Ecoscience Interpretation Service**
26 Locke Street
Bedford, Nova Scotia
B4A 1M9

Wietske Gradstein, M.Sc., B.Ed., Science Editor
(902) 835-9272

SERVICES: Science editing and writing, layout and design, public relations writing on scientific and technical topics, publication, production (indexing, glossary, organize typing — type-setting, drafting, etc.)

**Enman Ltd.**
768 Bedford Highway
Bedford, Nova Scotia
B4A 1A2

Michael Riddell, President
(902) 835-4564

SERVICES: Mineral exploration services — project management; geological, geochemical and geophysical surveys; basal till drilling. Analytical services — fire assays; X-ray analyses; geochemical analyses; acid leach analyses for precious metals; bulk tests. Corporate services for junior exploration companies.

**Entrepreneurial Management Ltd.**
768 Bedford Highway
Bedford, Nova Scotia
B4A 1A2

Michael J. Riddell, President
(902) 835-4564

SERVICES: Geological consulting, exploration geology.

**Exlog Canada Ltd.**
50 Akerley Blvd., Unit M
Halifax, Nova Scotia
B3B 1R8

Nick Sargent, Operations Supervisor
(902) 465-2888

SERVICES: Geological and geochemical consulting; specializing in offshore; well logging.

**Exploration Rock Bits Inc.**
6571-103 Street
Edmonton, Alberta
T6H 2J1

Bradley Courtney, President
(403) 436-7122
1-800-661-3989

SERVICES: Rotary tri-cone drilling bits. Smith Gruner rock bits. Precision bits. Retip and return button bits.

**Geofuel Research Inc.**
P.O. Box 1324
Sydney, Nova Scotia
B1P 6K3

Dr. Dieter Birk, President
Dr. Patrick Fung, Project Manager — Calgary
(902) 539-9375

SERVICES: Contract research and consulting services in exploration geochemistry and environmental geochemistry. Laboratory analyses of rocks, minerals, soil, oil and gas.

**Geomarine Associates Ltd.**
5112 Prince Street (3rd floor)
P.O. Box 41, Station M
Halifax, Nova Scotia
B3J 2L4

Alan Ruffman, President
(902) 422-6482

SERVICES: Marine geophysical and geological consulting services, survey and interpretation services.

**GeoTech Surveys Ltd.**
50 Johnson Crescent
Lower Sackville, Nova Scotia
B4C 3A4

Dr. Warren Ervine, Ph.D., P.Eng., President
(902) 865-2932

SERVICES: Over 30 years experience in providing professional engineering and scientific consulting services to industrial and government organizations for projects involving geology, geochemistry and/or geophysics. Includes mineral exploration, geological research, petroleum resevoir evaluations, market studies and report writing.

**Golden Geotechnical Services**
P.O. Box 1, Site 2
R.R.# 3
Middleton, Nova Scotia
B0S 1P0

Thomas Metcalf, Chief Geologist
Sandy Bishop, Technical Supervisor
(902) 825-3744

SERVICES: Gold and base metals evaluation of claims; surficial deposits and soils assessment for metal contents; mineral sampling; full range of geological surveys. Complete aerial and satellite imagery analyses and interpretation.

**Griffiths Muecke Associates**
4194 Blowers Street
Halifax, Nova Scotia
B3J 1J3

Lesley Griffiths, Co-Principal
Anne Muecke, Co-Principal
(902) 423-8629

SERVICES: Land use planning, socio-economic impact assessment; community contact; public information and education programs; geological data collection, researching; writing and editing services.

**HOMAC Exploration Services Ltd.**
11 I Pettipas Drive
Burnside Industrial Park
Dartmouth, Nova Scotia
B3B 1K1

David Howard, President
(902) 463-0974

SERVICES: Geological sample supplies, well site chemicals, sample preparation and processing, sample collecting, soil sampling.

**D. A. Howard Consultants Ltd.**
11 I Pettipas Drive
Burnside Industrial Park
Dartmouth, Nova Scotia
B3B 1K1

David Howard, President
(902) 463-6043

SERVICES: Well site geological supervision, geophysical log evaluation, petroleum lands evaluation, environmental studies, geological sample processing and preparation, core logging, gold property evaluation.

**Hydrostone Surplus Store**
5535 Young Street
Halifax, Nova Scotia
B3K 1Z0

J. Redden, President
(902) 454-5718

SERVICES: Prospecting supplies (rock hammers, pans, mortar and pestles, books, etc.) and camping supplies; metal detectors; mercury. By order only: portable dredging equipment, gold scales, many other prospecting items.

**J. K. S. Industries Inc.**
(a subsidiary of J.D.S. Boyles)
75 Urquart Avenue
R.R.# 4,
Moncton, New Brunswick
E1C 8J8

Boyd Dixon, Outside Sales
Doug MacLeod, Warehouse Manager
(506) 853-5094

SERVICES: Diamond-drilling products

**Jacques, Whitford & Associates Ltd.**
1046 Barrington Street
Halifax, Nova Scotia
B3H 2R1

John Amirault, P.Eng.
Vice President Mining
(902) 423-6325

SERVICES: Provide a full range of geoscience services to government and industry. These services include: geotechnical engineering, materials engineering and testing, mining engineering, hydrogeology, vibration monitoring and control and core analysis. Also provide offshore geotechnical and geological site investigations and evaluations and have access to rotary drilling and sampling equipment specially adapted for offshore investigations. Environmental engineering services also offered.

**John A. Leslie & Associates Ltd.**
P.O. Box 193
1248 Bedford Highway
Bedford, Nova Scotia
B4A 2X2

John A. Leslie, Geologist
(902) 835-5009
(902) 443-2091

SERVICES: Has provided 20 years of continuous, locally based, geologic consulting services to the mineral and energy resource industry, and engineering and construction industries of Atlantic Canada. Projects have pertained to all aspects of exploration and have involved most of the geologic environments of the region.

**Land Registration and Information Services**
1660 Hollis Street
6th Floor Centennial Building
P.O. Box 2254
Halifax, Nova Scotia
B3J 3C8

Harold Kenny, Manager
(902) 424-4083(office)
(902) 424-2735(map library)

SERVICES: Regional offices have information for the following counties — New Glasgow: Cumberland, Colchester, Pictou, Antigonish, and Guysborough Counties. Sydney: all of Cape Breton, parts of other counties. Halifax: Halifax and Hants Counties. All areas covered by property maps of 1:10 000 scale, and larger, ortho photos at 1:10 000 and various other scales and planimetric maps. Have record of coordinates of survey control network monument locations.

**Logan Drilling Limited**
P.O. Box 188
Stewiacke, Nova Scotia
B0N 2J0

W. I. Mundle, President
Gerald B. Wright, Secretary
(902) 639-2311

SERVICES: Diamond core drilling — surface and underground; directional drilling — rotary drilling; reverse circulation drilling; large diameter core drilling.

**Logan Geotech Inc.**
P.O. Box 188
Stewiacke, Nova Scotia
B0N 2J0

Gerald B. Wright, General Manager
Fred Logan, Operations Manager
(902) 639-2343

SERVICES: Foundation testing, soil sampling; auger drilling; overburden testing

**Logan Offshore Inc.**
P.O. Box 188
Stewiacke, Nova Scotia
B0N 2J0

W. I. Mundle, President
Fred Logan, Operations Manager
(902) 639-2311

SERVICES: Geotechnical drilling - offshore. Soil sampling - offshore. Core drilling - offshore.

**Longyear Canada Inc.**
P.O. Box 1188
Moncton, New Brunswick
E1C 8P9

Gary Ball, Manager
Max Turner, Sales Representative
James R. Howe, Sales Representative
(506) 855-9190

SERVICES: Manufacturing and sales of diamond-drills and drilling equipment. Diamond-drilling contractors.

**Lummus Canada Inc.**
c/o W. A. MacPherson and Associates
5 Lakeside Terrace
Dartmouth, Nova Scotia
B3A 2R1

W. A. MacPherson, Geological Consultant
(902) 469-8433

SERVICES: Feasibility studies, engineering design, project management, minerals and petrochemicals.

**George F. MacDonald & Son's Bulldozing & Trucking Ltd.**
R.R.# 5
New Glasgow, Nova Scotia
B2H 5C8

George F. MacDonald, President
(902) 922-2877
(902) 922-2007

SERVICES: Excavating; bulldozing; loading or trucking all types of soil or rock. Low or high bed service.

**MacIsaac Drilling Ltd.**
P.O. Box 5296 Armdale
Halifax, Nova Scotia
B3L 4S7

John MacIssac, President
(902) 876-2258

SERVICES: Base metal drilling; contract diamond-drilling; geotechnical drilling.

**W. A. MacPherson & Associates**
5 Lakeside Terrace
Dartmouth, Nova Scotia
B3A 2R1

W. A. MacPherson
(902) 469-8433

SERVICES: Geological consulting services, property evaluation.

**Maritime Diamond Drilling Ltd.**
1689 Truro Road
Hilden, Nova Scotia
B0N 1C0

Russell D. Logan, President
(902) 895-2489
(902) 895-0301
(902) 893-7353

SERVICES: Mineral exploration drilling — wireline core.

**Maritime Resource Management Service**
P.O. Box 310
Amherst, Nova Scotia
B4H 3Z5

Neil Seely, Vice-President, Sales
Brad Fay, Manager, Halifax office
(902) 667-7231 (Amherst)
(902) 424-4963 (Halifax)

SERVICES: Cartographic services; aerial photography; computerized geographic information handling; headquarters for coastal zone information centre; complete map, hydrographic chart, and airphoto sales centre for the Maritime region; resource management; digital image analysis.

**McElhanney Services Ltd.**
101 Thornhill Drive, Suite 1
Dartmouth, Nova Scotia
B3B 1S2

David Powell, Manager, Marine Surveys
Andrew Power, Maritime Manager, Marine Surveys
(902) 463-0041

SERVICES: Offshore positioning and surveying services, high resolution geophysics.

**McGregor GeoScience Ltd.**
121 Ilsley Avenue, Unit W
Dartmouth, Nova Scotia
B3B 1S4

J. Stewart, President
P. Dunham, General Manager
(902) 465-5564

SERVICES: Marine/land geophysical data collection and interpretation. Geological interpretation, compilation.

**Minerals Engineering Centre**
Technical University of Nova Scotia
P.O. Box 1000
Halifax, Nova Scotia
B3J 2X4

Dr. L. A. Adorjan, Director
Cyril Cole, Manager
(902) 429-8300 Local 2243 or 2279

SERVICES: Mineral processing test work from bench scale to pilot plant, including crushing, grinding, classification, gravity separation, magnetic separation, flotation, flocculation, thickening, filtration and drying. Whole rock and geochemical analyses of rocks, minerals, soils, sediments, and water. Sample preparation: rock crushing, grinding, sampling, screening, dense liquid separations, mineral separations and clay mineral separation from till samples. Thin section preparation. Physical and chemical analysis of samples.

**Mosher Limestone Company Ltd.**
Upper Musquodoboit, Nova Scotia
B0N 2M0

Roy Mosher, President
Allen Mosher, Secretary-Treasurer
David Mosher, Vice-President
(902) 568-2654

SERVICES: Limestone products, metal fabricating, welding, machine shop, dozer and truck rentals. Barite grinding for offshore use and custom grinding of all industrial materials.

**Musquodoboit Valley Resource Supply Ltd.**
P.O. Box 39
Upper Musquodoboit
Halifax County, Nova Scotia

Dan MacDonald, President
(902) 568-2755

SERVICES: Products: drive chains, sprockets, worm gear boxes, electric motors, gears, winches, idlers, pulleys, grinding wheels, wire rope, hand tools, lubricants, polyethylene pipe, vibrators.

**N.S. Tractors and Equipment Ltd.**
P.O. Box 1420
3575 Kempt Road
Halifax, Nova Scotia
B3K 5J2

Jack R. Craig, President & General Manager
Dean M. Trimper, Vice-President & SecretaryTreasurer
(902) 455-0581

SERVICES: Track type tractors, track type loaders, wheel loaders, wheel tractors, motor graders, excavators, scrapers, off highway trucks, compactors, articulated trucks, backhoe loaders, plows and attachments, canopies, crushing equipment, cranes, paving equipment, rollers, trailers, material handling equipment, rough terrain lift trucks, truck engines, generator sets, marine engines, gas engines, industrial engines, sweepers, snowblower trucks, generator controls and switchgear.
Brand names: Caterpillar, Grove, Craig, Rome, Lube-Lok, Balderson, Tramac, Tampo, Hyster, Pioneer (Portec), BT Lift, Oshkosh, Sellick, Zeise, FMC, Cascade, Namco, Barrett.

**Nolan, Davis & Associates Ltd.**
6112 Quinpool Road
P.O. Box 1021 Armdale
Halifax, Nova Scotia
B3L 4K9

Frank Nolan, President
Allen V. Bell, General Manager
(902) 420-0333

SERVICES: Geotechnical engineering: foundation engineering and soil mechanics; site selection studies; subsurface investigation; inspection and testing of soil, rock and concrete.
Hydrogeology: groundwater resource development; contaminant hydrogeology; drainage/seepage and dewatering assessment.
Hydrology and sedimentation.
Mine waste management.
Environmental studies and assessments. Resource geology.

**Nolan-Ertec Ltd.**
6112 Quinpool Road
P.O. Box 1021, Armdale
Halifax, Nova Scotia
B3L 4K9

Frank Nolan, President
David Hubble, Senior Engineer
(902) 420-0333

SERVICES: Geotechnical services, earthquake engineering, offshore special studies, soil dynamics, mining engineering services, engineering geophysical investigations, geology and engineering geology.

**Noranda Exploration Co. Ltd.**
P.O. Box 30
920 Bridge Street
Bathurst, New Brunswick
E2A 3Z1

David Bent, District Geologis
Denis Fitzpatrick, Project Geologist
(506) 546-9813

SERVICES: Exploration and development assistance to prospectors.

**Nova Scotia College of Geographic Sciences**
P.O. Box 10
Lawrencetown
Annapolis Co., Nova Scotia
B0S 1M0

J. F. Doig, Principal
(902) 584-2226

SERVICES: Exploration geological work, interpretation of geophysical data — integration with remote sensing techniques.

**Nova Scotia Department of Lands and Forests**
Land Services Branch
780 Windmill Road
Dartmouth, Nova Scotia
B3B 1T3

Linda Langille, Chief Technician
(902) 424-3177
(902) 424-3179

SERVICES: Sales of white print copies of map sheets. Complete coverage of Province at 1:10 000, 1:15 840 and 1:13 680, large scale maps of various municipal areas (call for information); air photo viewing service.

**Nova Scotia Department of Mines and Energy**
Mines and Minerals Branch
1701 Hollis Street
P.O. Box 1087
Halifax, Nova Scotia
B3J 2X1
and
32 Bridge Avenue
P.O. Box 999
Stellarton, Nova Scotia
B0K 1S0

Mr. Dan Murry, Director, Mineral Development
(902) 424-4161 (Halifax)
Dr. Peter Giles, Director, Mineral Resources
(902) 424-4700 (Halifax)
Dr. Howard Donohoe, Regional Geologist
(902) 424-4700 (Halifax)
Mr. John McMullin, Head, Exploration Monitoring and Core Library
(902) 752-8429 (Stellarton)
(902) 752-5775

SERVICES: Geological and mineral resources information about the Province; geological maps and technical reports for sale; library facilities; core library at Stellarton.

**Nova Scotia Museum, Geology Unit**
1747 Summer Street
Halifax, Nova Scotia
B3H 3A6

Robert Grantham, Curator of Geology
Derek Davis, Chief Curator, Natural History
(902) 429-4610

SERVICES: Collections of specimens — mineralogical, petrological, paleontological and economic. The economic mineral collections contain many specimens from now closed mines. Collections date back to 1833. We also have in our history section, old maps, photos and old mining equipment including a working model stamp mill.

**Nova Scotia Research Foundation Corporation**
P.O. Box 790
Dartmouth, Nova Scotia
B2Y 3Z7

Dr. Ken Howells, Director Geophysics Section
Dr. Alistair McKay, Geophysics Manager
Dr. W. Thorpe, Director, Analytical Chemistry
(902) 424-8670
(FAX) Telecopier (902) 465-7384
TELEX 019-22719

SERVICES: Geophysical surveys on land and water and the analysis of geophysical data. Data collection, processing and interpretation of geophysical information by the following methods — for surveys on land: magnetic, gravity, induced polarization, electromagnetic, seismic refraction, well logging; for surveys on water: magnetic, gravity, surface and deep tow methods for high resolution seismic reflection and refraction, side scan sonar, sub-bottom profiling, and echo sounding. Analysis of rock and sediment for inorganic and organic constituents, including pollutants. Measurement of indoor air quality.

**Novex Resource Management Ltd.**
R.R.# 4
New Germany, Nova Scotia
B0R 1E0

Robert Baker, Director
(902) 644-2176

SERVICES: Exploration and development — onshore minerals, specializing in properties with gold mining potential.

**OceanChem Group**
Suite 32, 1000 Windmill Road
Dartmouth, Nova Scotia
B3B 1L7

Dr. Scott MacKnight, President
Mr. Sean Mullaly, Vice-President

SERVICES: Environmental consulting. Chemical analyses.

**Opal Energy & Mineral Exploration**
7110 Morningside Drive
Halifax, Nova Scotia
B3L 2E6

Orville Pulsifer, President
(902) 455-0007

SERVICES: We endeavor to find gold properties within Nova Scotia. then to locate and bring in operating or development companies with sufficient capital to investigate and bring gold mines into production, if possible.

**Peak Engineering**
R.R.# 2
Sussex, New Brunswick
E0E 1P0

Peter H. Atkinson, P.Eng.

SERVICES: Mining: property evaluation, feasibility studies, mine plant and mill design, mine hoist selection and design, mine development supervision, mining methods, mine layout (open pit and underground), mine ventilation, rock mechanics and the design of ground support, materials handling and equipment evaluation. Civil: pit slope stability, tailings dam design. Mechanical: structural design, materials handling equipment and hydraulic design. Management: project and construction management. Drafting: mechanical, structural and layout work.

**Petro Drilling Company, Ltd.**
202-2745 Dutch Village Road
P.O. Box 1021, Armdale
Halifax, Nova Scotia
B3L 4K9

Frank Nolan, President
Philip Reid, Comptroller
(902) 453-1844

SERVICES: Diamond-drilling for mineral evaluation, soils and engineering type drilling for foundation evaluation and testing. Reverse circulation and rotary drilling. Grouting and tieback anchor holes for construction purposes.

**Porter Dillon Limited**
Suite 202
2651 Dutch Village Road
Halifax, Nova Scotia
B3L 4G5

Jim Fraser, Chief Hydrogeologist
Pat Wright, Senior Engineer
(902) 453-1115

SERVICES: Multi-disciplinary services incorporating geology, hydrogeology, hydrology, engineering and planning. Specializing in wastewater treatment, solid waste disposal, site selection; groundwater and surface water contaminant monitoring and water resource development and treatment; watershed mapping and management; bedrock and surficial mapping, drilling expertise; industrial and recreational planning; tailings impoundment design; acid mine drainage treatment.

**Probe Research Canada Ltd.**
22 Waddell Avenue
Dartmouth, Nova Scotia
B3B 1K3

Dr. Daniel Plasse, President
Mr. Lauchie Meaghen,
Vice-President
(902) 465-3974

SERVICES: Collection of offshore marine seismic data; ocean survey capability with 225 ft. ship M/V MAI equipped with DFS V, airguns, MULTI-DYNE streamer and integrated satellite positioning system; in addition to the collection of deep penetration multi-channel seismic data, the ship can also be used for oceanographic or fisheries research.

**Recon Geological Services**
6256 Quinpool Road
Halifax, Nova Scotia
B3L 1A3

Geoff Petite, Geologist
(902) 425-2160

SERVICES: Gold exploration geological mapping and sampling, geochemical and geophysical surveying, research and assessment.

**Remoscan Ltd.**
65 Granville Street, West
Bridgetown, Nova Scotia
B0S 1C0

John Wightman, P. Eng., President
(902) 665-2521

SERVICES: Remote sensing, air photo geology; structural analyses; environmental monitoring; preparation of special purpose geology maps, special presentation maps.

**L. A. Rutherford and Associates**
P.O. Box 1736
Truro, Nova Scotia
B2N 5Z5

Les Rutherford, Principal
(902) 662-3326

SERVICES: Environmental impact assessments, environmental monitoring programs, biophysical inventories and analyses, revegetation and site reclamation plans, environmental protection and site restoration specifications, environmental surveillance, land use planning, public information and education programs.

**Southfield Resources Ltd.**
Box 1968
Sussex, New Brunswick
E0E 1P0

W.W. Gardiner, President
(506) 433-5576

SERVICES: Geological/geochemical consulting.

**Three-D GeoConsultants Ltd.**
P.O. Box 3133, Station B
Fredericton, New Brunswick
E3A 5G9

Dwight Ball, President
David Keys, Vice-President
(506) 453-7700

SERVICES: Geological consulting services to the mineral and fuel exploration industry, engineers, planners and developers. Project design and management, bedrock and surficial mapping, drilling, geophysical and geochemical investigations. Management and economic evaluations, market reviews, literature searches and compilations. Hydrogeology, contaminant investigations (including geophysical delineation), environmental geology, terrain analysis and land use planning. Industrial mineral investigations: aggregate, peat, limestone, dolomite, etc. Energy commodities: coal, oil shale, conventional hydrocarbons.

**University College of Cape Breton**
Mineral Technology
P.O. Box 5300
Sydney, Nova Scotia
B1P 6L2

Nick Oldale, Geologist
Harry Slaunwhite, Mining Engineer
(902) 539-5300

SERVICES: Mineral exploration, mining and processing; consulting services in geology, exploration, mining and processing; equipment rentals, resource data.

**A. J. Walker and Son Ltd.**
905 Prince Street
P.O. Box 455
Truro, Nova Scotia
B2N 5C7

K. M. Legge, President
D. K. Legge, Manager
(902) 895-4481

SERVICES: Prospecting supplies (rock picks and chisels, compasses, etc.) camping supplies; general hardware and tools, pipe fittings, rope and chain.